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Catalogue of

THOMAS MEEHAN
THOMAS B. MEEHAN
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Seeds of Trees, Shrubs and Fruits

For Sale by **Thomas Meehan & Sons**

Nurserymen, Tree Seedsmen and Landscape Engineers

P. O. Station, G.

Germantown, Philadelphia, Pa.

PRICES

Whenever it is at all practicable to dry seeds with pulp on, this is generally the practice. The seeds offered in this list, however, are, with very few exceptions, cleaned of pulp, because it is better for the seeds, and gives in many cases double the quantity for the price quoted. Where the seeds are to go by mail, 10 cents per pound may be remitted with the amount for seeds, and ANY QUANTITY can be sent in this way. P. O. Orders payable at Station G. Philadelphia. Many of the articles we can supply in large quantities; and to those desirous of buying to sell again or plant largely, we will make a discount on quoted prices whenever practicable. Not less than quarter of a pound will be furnished at pound rates. Half ounces of any of the seeds may be obtained when the price per ounce is not quoted at less than 20 cents.

QUALITY OF THE SEEDS

Every care is taken to send out no seeds not in germinating condition. The soundness of the seeds can always be ascertained by cutting them open. If any seeds are received by customers which prove to be unsound on receipt, they may be mailed back, and the money paid for them will be returned. Tulip tree (*Liriodendron*) is, however, an exception. A large proportion of these do not properly fill up. The blank seeds are as heavy as the full ones, hence there is no way to separate one from the other, and they have to be sold as gathered. The price, however, is lower, as there is no cleaning attempted.

GERMINATION OF THE SEED

Most failures with seed arise from not sowing it in PARTIAL SHADE. If hot bursts of sun come on the seed beds while the seeds are swelling, and cold follows, many of them are liable to rot before they appear above the surface. For raising seeds on an extensive scale, many now use artificial arbors, tall enough to work under. For small lots, brushwood, or a thin shade of cornstalks, or a skeleton frame, is an excellent plan. Where birds are destructive, lattice frames are made to cover the beds with. There are many kinds of seeds which, in the hands of experienced cultivators, need no shade, but to all persons of limited knowledge we would recommend to shade every one.

Seeds take some time to swell their coats after going in the ground, hence all should be put in as early as possible—even though the frost be not out of the ground—if any dry soil can be had to cover. Many find advantage in sowing even on frozen soil. In some climates where the springs are early, some seeds will remain in the ground till the following season. If they fail to appear by the time the spring is over, examine, and if found with fresh kernels, keep the beds weeded and shaded till the next season.

These simple directions are all that any one needs to have tolerable success in raising tree seeds. The greater the experience, of course, the greater the success.

EVERGREENS.

		PER LB.	PER OZ
Abies alba, White	Spruce	\$4 75	\$0 50
“ Canadensis, Hemlock	“	4 50	40
“ Douglasii, Douglas	“	4 50	50
“	“ Colorado Seed.....	5 50	60
“ Engelmanni	“	7 00	70
“ excelsa, Norway	“	85	15
“ Mertensiana	“	8 50	85
“ Menziesii, Menzies	“	5 50	60
“ nigra, Black	“	5 00	50
“ pungens, Colorado Blue	“	6 00	60
Arctostaphylos glauca		1 50	20
“ pungens		1 50	20
“ tomentosa.....		2 50	25
Agave Deserti.....			I 25
“ Palmieri			I 25
“ Shawii.....			I 25
Brahea edulis		4 00	40
“ filamentosa.....		2 75	30
“ glauca		4 00	40
Buxus sempervirens, Box		1 50	15
Cratægus pyracantha, Evergreen Thorn		2 50	25
Cryptomeria Japonica		1 75	20
Cupressus Goveniana.....		4 00	40
“ Lawsoniana, Lawson's Cypress		5 00	50
“ macrocarpa		1 50	20
“ McNabiana		3 00	30
“ thyoides, pods		2 50	25
Cedrus atlantica.....		3 50	35
“ Libani, Cedar of Lebanon		3 50	35
Cerasus ilicifolia		2 00	20
“ Caroliniana		2 50	25
Eucalyptus globulus, Blue Gum Tree			75
Euonymus Americanus.....		2 00	20
Gaultheria procumbens, Winter Green		2 50	25
Garrya elliptica.....			I 50
Ilex aquifolium, English Holly (berries)		1 50	20
“ Cassine		2 50	25
“ Dahoon		1 50	20
“ myrtifolia		1 50	20
“ opaca, American Holly (berries).....		1 00	15
Juniperus Chinensis, Chinese Juniper		2 50	30
“ communis, American “		1 00	15
“ oxycedrus		1 50	20
“ prostrata, Creeping “		50	10
“ Sabina, Savin “		50	15
“ suecica, Swedish “		1 50	15
“ Virginiana, Red Cedar		75	15
Kalmia angustifolia, Laurel, Clean Seed		10 00	I 00
“ latifolia, “		10 00	I 00
Laurus Caroliniensis, Red Bay		1 50	20
Leiophyllum buxifolium, Sand Myrtle			I 00
Libocedrus decurrens.....		4 00	50
Mahonia aquifolia		5 00	50
“ Japonica.....			I 00
Magnolia grandiflora		2 00	25
Nuttallia cerasiformis.....		5 00	50
Oreodaphne Californica, California Nutmeg		2 00	25
Photinia arbutifolia		2 50	25

	PER LB.	PER OZ.
<i>Picea amabilis</i>	\$4 50	\$0 50
“ <i>balsamea</i> , Balsam Fir	1 50	20
“ <i>concolor</i>	4 50	50
“ <i>Fraseri</i> (True)	5 00	50
“ <i>grandis</i>	3 25	35
“ <i>magnifica</i>	5 50	60
“ <i>nobilis</i>	5 00	50
“ <i>Nordmanniana</i> , Nordman's Fir	4 00	40
“ <i>pectinata</i> , European Silver “	1 00	20
“ <i>Pichta</i> , Siberian “		1 00
“ <i>pinsapo</i>	2 50	25
“ <i>pungens</i> (see <i>abies</i>).....		
<i>Pinus</i> <i>Austriaca</i> , Austrian Pine	1 00	15
“ <i>Banksiana</i>	12 00	1 25
“ <i>Benthamiana</i>	5 50	50
“ <i>cembra</i> , Swiss “	1 00	15
“ <i>contorta</i>	10 00	1 00
“ <i>Coulteri</i>	4 00	40
“ <i>edulis</i>	4 00	40
“ <i>excelsa</i> , Himalayan “		1 25
“ <i>flexilis</i> (<i>albicaulis</i>)	7 00	70
“ <i>Fremontiana</i> (<i>monophylla</i>)	3 50	30
“ <i>inops</i>	4 50	45
“ <i>insignis</i>	3 50	35
“ <i>Jeffreyi</i>	4 00	40
“ <i>Lambertiana</i> , Sugar Pine	2 75	30
“ <i>Laricio</i> , Corsican	2 50	25
“ <i>Llaveana</i> (<i>Parryana</i>)	5 00	50
“ <i>mitis</i>	7 00	70
“ <i>montana</i> , Mountain “	3 00	30
“ <i>monticola</i>	5 50	60
“ <i>muricata</i>	7 00	70
“ <i>palustris</i> , Southern Broom Pine	4 00	40
“ <i>pinaster</i> , Sea “	1 00	15
“ <i>Pinea</i> , Stone “	1 00	15
“ <i>ponderosa</i> , Cal. Yellow “	3 25	35
“ “ “ “ Colorado Seed	5 00	50
“ <i>pungens</i> , Table Mountain “		1 00
“ <i>resinosa</i> , Red “		1 00
“ <i>rigida</i> , Pitch “	4 00	40
“ <i>Sabiniana</i> , Nut “	2 50	25
“ <i>strobis</i> , White “	2 00	25
“ <i>sylvestris</i> , Scotch “	1 50	20
“ <i>Torreyana</i>	4 00	40
“ <i>tuberculata</i>	4 50	50
<i>Prinos glaber</i>	2 00	20
<i>Rhododendron maximum</i> , Mountain Laurel	10 00	1 00
“ <i>punctatum</i>		1 25
<i>Sequoia gigantea</i> , California Big Tree	10 00	1 00
“ <i>sempervirens</i> , Red Wood	4 00	40
<i>Taxus baccata</i> , English Yew	2 00	25
“ <i>brevifolia</i>		1 00
“ <i>Canadensis</i> , American Yew		1 00
<i>Torreya Californica</i>	2 50	25
<i>Thuja gigantea</i>	5 50	60
“ <i>occidentalis</i> , American Arbor-Vitæ	3 00	30
“ <i>Orientalis</i> , Chinese “	2 00	20
<i>Ulex Europæa</i> , Furze	1 50	20
<i>Yucca aloifolia</i>	4 00	40
“ <i>angustifolia</i>	5 00	50
“ <i>baccata</i>	5 50	50
“ <i>brevifolia</i>	8 00	1 00
“ <i>filamentosa</i>	5 00	50
“ <i>Whipplei</i>	6 00	60

DECIDUOUS TREES AND SHRUBS.

	PER LB.	PER OZ.
Acacia julibrissin, Mimosa Tree	\$2 00	\$0 25
Acer campestre, English Cork Maple	1 50	20
“ circinatum	2 50	25
“ glabrum	2 00	35
“ macrophyllum, Oregon	1 00	15
“ nigrum, Black Sugar	1 25	15
“ platanoides, Norway	1 00	15
“ psuedo-platanus, Sycamore	1 00	15
“ rubrum, Red	2 00	25
“ saccharinum, Sugar	1 00	15
“ spicatum, Mountain	1 25	15
“ striatum, Striped	1 50	15
“ Tartaricum, Tartarian		50
Æsculus glabra, American Horse Chestnut	50	
“ hippocastanum, European Horse Chestnut ...	50	
Ailantus glandulosa, Ailanthus	75	15
Alnus glutinosa, European Alder	1 50	20
“ incana		50
“ Oregona	8 00	80
“ serrulata.....	2 00	20
Amelanchier botryapium, June Berry	1 50	15
Amorpha canescens.....	3 00	30
“ fruticosa.....	1 25	15
Andromeda arborea.....		I 00
“ axillaris.....		I 00
“ calyculata.....		I 00
“ Catesbæi.....		I 00
“ ferruginea		I 00
“ ligustrina		I 00
“ Mariana.....		I 00
“ racemosa		I 00
Anona triloba, Pawpaw	1 00	20
Aralia spinosa.....	2 50	25
Arbutus Menziesii.....	2 50	25
Ascyrum crux-andræa.....		I 00
“ stans.....		I 00
Azalea calendulacea, clean seed		I 00
“ nudiflora, “ “		I 00
“ occidentalis.....		I 25
“ viscosa		I 00
Baccharis halimifolia.....	2 50	25
Berberis vulgaris, Berberis	1 50	20
“ “ purpurea, Berberis, Purple	3 00	30
Betula alba, European White Birch	1 50	20
“ excelsa, Yellow	1 50	20
“ lenta, Sweet	2 00	20
“ papyracea, Paper	2 00	25
“ populifolia, Poplar	1 50	20
“ rubra, Red	2 50	25
Bumelia tenax.....	2 00	20
“ lycioides.....	2 00	20
Callicarpa purpurea.....	2 00	25
Calycanthus floridus, Sweet Shrub	1 00	15
“ occidentalis.....	6 50	75
Caragana arborescens.....	2 00	20
Carpinus Americana, American Hornbeam	1 50	15
“ Betulus, European	2 00	20

	PER LB.	PER OZ.
<i>Carya alba</i> , Shellbark Hickory , per bushel, \$ 4 00...	\$0 25	
“ <i>amara</i> , Bitternut “ “ “ 4 00...	25	
“ <i>aquatica</i> , Southern “ “ “ 8 00...	50	
“ <i>microcarpa</i> , “ “ “ 5 00...	25	
“ <i>olivæformis</i> , Pecan “ “ “ 11 00...	50	
“ <i>porcina</i> , Pig-nut “ “ “ 4 00...	25	
“ <i>sulcata</i> , “ “ “ 4 25...	25	
“ <i>tomentosa</i> , White “ “ “ 4 00...	25	
<i>Caryopteris Mastacanthus</i>		\$0 75
<i>Catalpa bignonioides</i>	1 50	20
“ <i>Kæmpferi</i>		50
“ <i>speciosa</i>	1 25	15
<i>Ceanothus Americanus</i>	2 75	30
“ <i>divaricatus</i>		60
“ <i>integerrimus</i>		60
<i>Celtis occidentalis</i>	1 25	15
<i>Cephalanthus occidentalis</i>	1 25	15
<i>Cerasus Padus</i> , European Bird Cherry	1 50	20
“ <i>Pennsylvanica</i>		20
“ <i>serotina</i> , American “ “ “ 75	15	
“ <i>Virginiana</i> , Choke “ “ “ 1 00	15	
<i>Cercis Canadensis</i> , American Judas Tree	1 25	25
“ <i>siliquastrum</i> , European “ “ “ 1 00	15	
<i>Chionanthus Virginica</i> , White Fringe	2 50	25
<i>Cladrastis tinctoria</i> , Yellow Wood	4 00	40
<i>Clethra alnifolia</i> , clean seed	8 00	I 00
<i>Colutea arborescens</i> , Bladder Senna	1 00	15
<i>Cornus alternifolia</i> , Blue Dogwood	2 00	25
“ <i>florida</i> , Large Flowered Dogwood	75	15
“ <i>Mas.</i> Cornelian Cherry	1 50	15
“ <i>Nuttalli</i>	2 50	25
“ <i>sanguinea</i> , English	1 50	20
“ <i>sericea</i> , Silky	1 50	15
<i>Corylus Americana</i> , Am. Hazel Nut	1 00	15
“ <i>rostrata</i> , Beaked “ “ “ 1 50	20	
<i>Crataegus coccinea</i> , White Thorn	1 50	15
“ <i>cordata</i> , Washington “ “ “ 1 50	15	
“ <i>crus-galli</i> , Cockspur “ “ “ 1 50	15	
“ <i>oxycantha</i> , English Hawthorn	1 00	15
<i>Cyrilla racemiflora</i>	2 50	25
<i>Cytisus Laburnum</i>	1 00	15
<i>Diospyros Virginiana</i> , Persimmon	1 00	15
<i>Dirca palustris</i>	3 50	35
<i>Eleagnus parvifolius</i> , Silver Thorn	3 00	30
<i>Euonymus atropurpureus</i> , American Burning Bush	1 50	20
“ <i>Europæus</i> , European “ “ “ 1 50	15	
<i>Fagus ferruginea</i> , American Beech	1 00	15
“ <i>sylvatica</i> , European “ “ “ 1 50	20	
<i>Frangula Purshiana</i>	5 00	50
<i>Fraxinus Americana</i> , White Ash	75	10
“ <i>excelsior</i> , English “ “ “ 75	15	
“ <i>Oregona</i> , Oregon “ “ “ 2 00	25	
“ <i>Ornus</i> , Flowering “ “ “ 2 00	20	
“ <i>platycarpa</i> , Southern “ “ “ 2 50	25	
“ <i>pubescens</i> , Red “ “ “ 1 25	15	
“ <i>quadrangulata</i> , Blue “ “ “ 1 50	25	
“ <i>sambucifolia</i> , Black “ “ “ 1 25	15	
“ <i>viridis</i> , Green “ “ “ 1 00	15	
<i>Fremontia Californica</i>		2 00
<i>Gaylussacia resinosa</i>		50
<i>Genista scoparia</i>	75	15
<i>Gleditschia triacanthos</i> , Honey Locust	50	10
<i>Gymnocladus Canadensis</i> , Kentucky Coffee	1 00	15
<i>Halesia diptera</i> , Snowdrop Tree	2 50	25

	PER LB.	PER OZ.
Halesia tetraptera, Snowdrop Tree	\$1 50	\$0 20
Hamamelis Virginica, Witch Hazel	4 00	50
Hibiscus syriacus, Althæa	1 50	20
Hypericum prolificum.....		75
Ilex ambigua.....	2 50	25
“ decidua.....	3 00	30
“ monticola.....	2 50	25
“ myrtifolia.....	3 00	30
Itea Virginica.....	2 50	25
Iva frutescens.....		30
Juglans cinerea, Butternut , per bushel \$2 50.....	10	
“ nigra, Black Walnut “ “ 2 50.....	10	
“ regia, English “ “ 12 00.....	40	
Koelreuteria paniculata.....	2 00	25
Larix Europæa, European Larch	1 25	20
Laurus Benzoin, Spice Wood	2 00	20
“ Sassafras.....	1 00	15
Ligustrum vulgare, Privet	1 50	20
Liquidambar styraciflua, Sweet Gum	4 00	40
Liriodendron tulipifera, Tulip Tree	60	10
Lonicera Tartarica, Tartarian Honeysuckle		50
“ Xylosteum, Fly “.....		50
Lupinus arboreus.....	4 00	40
Maclura aurantiaca, Osage Orange	50	10
Magnolia acuminata.....	2 00	20
“ Fraseri.....		I 25
“ glauca.....	3 00	30
“ macrophylla.....	3 00	30
“ tripetala.....	2 50	25
Melia Azederach, China Tree	1 25	15
Morus alba, White Mulberry	1 50	20
“ tartarica, Russian “.....	2 50	25
Myrica Californica.....	4 00	40
“ cerifera, Wax Myrtle	2 00	25
Negundo fraxinæfolium, Box Elder	50	10
“ Californica.....	2 00	25
Nemopantes Canadensis.....		30
Nyssa aquatica, Sour Gum	2 00	20
“ capitata “ “.....	2 00	20
“ uniflora “ “.....	2 00	20
“ multiflora “ “.....	1 50	15
Ostrya Virginica, Iron Wood	2 00	20
Paulownia imperialis, Empress Tree	2 00	25
Paliurus aculeatus, Christ Thorn	1 50	20
Philadelphus grandiflorus, Mock Orange		75
Pinckneya pubens.....		50
Platanus occidentalis, American Plane	75	15
“ Orientalis, Oriental	1 50	20
“ racemosus.....	5 00	50
Potentilla fruticosa.....		I 25
Prinos verticillatus.....	2 00	20
Ptelia trifoliata.....	1 50	20
Pyrus Americana, American Mountain Ash	1 50	20
“ aucuparia, European “ “.....	1 50	20
“ arbutifolia.....	2 50	30
“ melanocarpa.....	2 50	25
“ sambucifolia.....	4 00	40
Prunus Americana.....	1 25	20
“ maritima.....	1 25	20
Quercus alba, White Oak per bushel, \$ 5 00.....	25	
“ aquatica, “ “ 9 00.....	50	
“ Bannisteri, “ “ 9 00.....	50	
“ bicolor, Swamp White Oak , “ “ 5 50.....	35	
“ Catesbæi, “ “ 9 00.....	50	

		PER LB.	PER OZ.
Quercus coccinea, Scarlet Oak ,	per bushel,	\$5 00	.....\$0 25
“ imbricaria, Laurel “	“	8 00	..... 50
“ lyrata, “	“	9 00	..... 50
“ falcata, “	“	“	..... 50
“ macrocarpa, Mossy Cup Oak ,	“	5 50	..... 35
“ nigra, Black Jack “	“	7 50	..... 50
“ obtusiloba, Post “	“	7 50	..... 50
“ palustris, Pin “	“	6 50	..... 50
“ prinoides, Dwf. Chestnut “	“	9 00	..... 40
“ Phellos, Willow “	“	“	..... I 00
“ Prinus, Rock Chestnut “	“	5 00	..... 35
“ robur, English “	“	6 00	..... 50
“ rubra, Red “	“	5 00	..... 35
“ tinctoria, Black “	“	6 00	..... 35
Rhamnus Carolinianus, Carolina Buckthorn		I 50	\$0 20
“ catharticus, Common “	“	I 50	20
Rhus aromatica, Sumach		4 00	40
“ copallina, Copal “	“	2 00	25
“ cotinus, Mist Bush		3 00	30
“ glabra		I 50	20
“ radicans, Poison “	“	I 50	20
“ typhina, Stag's Horn “	“	I 50	20
“ venenata, Poison Ash “	“	2 00	25
Robinia pseud-acacia, Yellow Locust		50	10
Rosa Carolina, Carolina Rose (berries)		I 25	20
“ lucida, “	“	2 50	25
Sabal Adansoni, Palm		I 50	15
“ Palmetto, Palmetto “	“	I 50	15
“ serrulata		I 00	15
Salisburia adiantifolia, Ginkgo		2 00	25
Sambucus Canadensis, Elderberry		3 00	35
“ glauca		“	75
Sapindus marginatus.....		3 00	30
Sophora Japonica		I 00	15
Spiræa opulifolia.....		“	75
“ salicifolia		“	75
“ tomentosa		“	50
Staphylea trifolia, Bladder Nut		3 00	30
Symphoricarpus racemosus, White Snowberry		“	50
“ vulgaris, Red “	“	“	50
Syringa vulgaris, Lilac		3 00	30
Taxodium distichum, Deciduous Cypress		I 00	15
Tilia Americana, American Linden		I 50	20
“ Europæa, European “	“	I 00	15
Ulmus Americana, American Elm		2 00	20
“ crassifolia		4 00	50
“ campestre, European “	“	I 50	20
“ fulva, Slippery “	“	2 50	25
Vaccinium arboreum.....		2 00	20
“ corymbosum		2 50	25
“ macrocarpum, Cranberry, Clean Seed		“	3 00
“ Pennsylvanicum		2 50	25
“ stamineum.....		2 50	25
Viburnum acerifolium.....		2 50	25
“ cassinoides.....		2 75	30
“ dentatum		3 00	30
“ Lentago		2 50	25
“ lantanoides		2 50	25
“ nudum		2 50	25
“ oxycoccos, High Bush Cranberry		I 50	20
“ prunifolium.....		2 00	20
Xanthoxylon Carolinianum, Prickly Ash		3 75	40
“ fraxinæfolium, “	“	2 50	25
Zizyphus communis.....		2 50	25

VINES AND CLIMBERS.

	PER LB.	PER OZ.
Ampelopsis heterophylla variegata.....	\$2 50	\$0 25
“ indivisa.....	2 50	25
“ Veitchii, Japan Creeper (berries).....	1 50	15
“ Virginica, Virginia “.....	1 50	15
Berchemia volubilis.....		75
Bignonia capreolata.....		40
“ radicans, Trumpet Vine.....	2 50	25
Celastrus scandens, Staff.....	3 00	30
Clematis coccinea.....		1 00
“ crispa.....		1 00
“ flammula, Sweet White.....	3 00	30
“ Virginiana.....	3 50	35
“ vitalba, Virgin's Bower.....	3 00	30
“ viticella.....	3 00	30
Hedera Helix, English Ivy.....	1 50	20
Menispermum Canadense.....		75
Smilax laurifolia.....	2 50	25
“ rotundifolia.....	2 50	25
“ tamnoides.....	2 00	20
“ Walteri.....	2 50	25
Wistaria frutescens, American Glycine.....	3 00	30
“ magnifica “.....	3 00	30
“ sinensis, Chinese.....	4 50	50

FRUITS.

Apple.....	2q	
“ French Crab.....	40	
Cherry, Mazzard.....	20	
Chestnut, American.....	35	
Vitis æstivalis, Native Grape.....	3 00	30
“ Californica.....	3 50	30
“ cinerea, “.....	2 50	25
“ cordifolia, “.....	2 50	25
“ Concord, “.....	2 50	25
“ labrusca, “.....	2 50	25
“ Lenoir, “.....	2 50	25
“ riparia, “.....	2 50	25
“ Scuppernong, “.....	2 00	20
Hazel Nut, American.....	1 00	15
“ “ “ Beaked.....	1 50	20
Mulberry, White.....	1 50	20
“ Russian.....	2 00	20
Peach.....	20	
Pear (on application).....		
Pecan Nut, per bushel, \$11 00.....	50	
Plum, myrobalan, “.....	40	
Quince, “.....	2 25	25
Shellbark, “ 4 00.....	25	
Walnut, Black, “ 2 00.....	10	
“ Butternut, “ 2 00.....	10	
“ English, “ 12 00.....	40	

We can generally supply by the bushel Apple, Cherry, Plum, Peach, Shellbarks, Walnuts, etc., and will give rates on application; also Honey Locust and Osage Orange.

Our Catalogue of Trees, Shrubs, etc., will be sent free to all applicants.